## August 2013 Update

| The control of the co | Ter Board Resolution 2012-23, Resolution 11(y)  | August 2013 Optiate  |  |
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| Section of the control of the contro | 11(e) DVR anticipates completing a draft Central Valley Flood System Conservation<br>Strategy not later than 2014, depending on the Consensation Framework<br>attached to the adopted CVFPP, to describe long-term, system-wide<br>management system.   | DWR has drafted a preliminary internal working dark of the Central Valley Flood System Conservation Strategy (Conservation Strategy) that is being reviewed within DWR. DWR. as also working with an Interagency Advisory Committee on this document and is on schedule to deliver a public administrative draft of the Conservation Strategy to the Excell to 2014. Additional outleads constitution of the Conservation Strategy to the Excell to 2014. Additional outleads coordinated to the Conservation Strategy of the Coordinating Committee regarding future coordination and communication.  | check with FESSRO  |
| Production of the region Critical and activation of the region Critical and Section 1997. The Critical Section Program of the region of the re | funding plan in 2013 to implement the recommendations of the adopted<br>CVFPP, and DWR, by December 31, 2012, will brief the Board as to how it<br>intends to collaborate with local, State and federal agencies on the   | flood management, environmental protection/ecosystem restoration, and water management objective as an integrated whole to<br>promode usuitamise state-wide management of water resources. As part of this approach, funding elections by state agencies<br>should support the State's Integrated Water Management policy. As a result, DWR is currently reassessing funding priorities to<br>address and implement it the policy. Or 64 ptl. 3, 2013, the Water Education Foundation and DWR; in partnership with the<br>address and implement it the policy. Or 64 ptl. 3, 2013, the Water Education Foundation and DWR; in partnership with the<br>challenges of integrated vater management and to launch the new Water 350 initiative, a campaign to promote a vision of<br>integrated water management across the state. A key component to this activity libe a discussion on funding, including likely   | of the Central Valley Flood Protection Plan. DWR anticipated that all funds would be obligated through various funding<br>programs for local apperty implementation and for DWR-initiated implementation actions (including continued planning and<br>other assistance activities). Funding guidelines would be released as they are prepared; some have already issued and that provided (e.g., Regional Flood Management Planning, and Flood System Regair Program). As stated in the 2012 CUPPP,<br>implementing all the recommended actions requires additional long-term sustainable funds, of which the feasibility and may be<br>provided to the provided of the provided provided in the provided provided in the provided proportion of the provided provided in integrated variety management approach, DVR<br>initiated a new campaign Water 950 initiative in collaboration with Water Education Foundation and California Water<br>Commission in April 2013. The same principle is followed in the ongoing discussion on potential water bond initiative. As more   |
| will come that we be also make the basis meth tending makes for the School method of the Scho | implement urban, small community, and rural levee repairs and improvements  | Improvements consistent with the adopted CVPPP. The Early Implementation Program (EIP) continues to implement urban flood improvements. The Small Erosion Requisit Popular Step 19 was established to address small lewer peals no lewes maintained by DWR within the Sacramento River Flood Control Project (SRFCP) area. Phase 1, the initial 5-year effort, is currently underway and will address approximately 360 miles of state maintained levees. Guidelines are currently being developed for the Urban Flood Risk Reduction Program to replace the EIP Program) with a program goal to reduce urban flood risks, the Small Community Flood Risk Reduction Program to a robe 100-year and Study Program to revaluate flood risk reduction alternatives by specifiting feederal studies and prefronting State and local studies, and the Flood System Repair Project, which will address deficiencies in SPFC facilities. Flood System Repair Project which will address deficiencies in SPFC facilities. Flood System Repair Project which will address deficiencies in SPFC facilities. Plood System Repair Project which will address deficiencies to System Repair Project with the Wild address deficiencies when the Production alternative to the Production Repair Repair Project with the Wild Project Repair Project with the Wild Project Repair Re |  |
| Section CPFP.  The contract Variety of the contract variety of the registery projects and projec | will initiate State-led basin-wide feasibility studies for the Sacramento and San<br>Joaquin River Beains (in time to Inform the 2017 CVFPP updast) to extended<br>and refine the conceptual system improvement elements described in the<br>adopted CVFP, including bypass openations and new bypasses, and<br>evaluate appropriate regional plan elements at the system-wide level. These<br>are likely to include the formation of one or more working groups to identify<br>potential implementation challenges and solutions, potential effects on local<br>and regional faul uses and economies, and specific multibenefit objectives for | Study, were initiated in September 2012. Work on both studies is progressing. How to communicate and coordinate study  | Study, were initiated in September 2012. DWR has completed its first workshop on objectives. Work on both studies is propressing, with the current focus on problem definition. The communication and engagement for basin-wide feasibility studies will leverage existing established venues and opportunities, including the Board's Coordinating Committee, venues established by RFMP efforts, Water Plan and other processes. Wrist groups and other venues with sestablished as recessary, in  |
| projection to suppress or discoursed below: provided in suppress or discoursed by su | adopted CVFPP, DWR will work with the Board on other ongoing projects and programs in the Central Valley to identify mutual objectives, complementary project elements, and improve the efficiency of the complementary project elements.   | Board at the regularly scheduled monthly informational public Board meeting. DWR participates in a monthly Coordinating Committee and also in the Coordinating Committee Steering Committee. In addition, an executive-level meeting between the Board's President and DWR's Executive Management and respective staff occurs on a monthly basis. The Board has also ineceived project specific briefings when requested or as necessary to inform the Board of significant issues, funding requests, or change in project status. Members of the Board staff are also invited to program level meetings on CVFPP  | Board at the regularly scheduled monthly informational public Board meeting. DWR participates in a monthly Coordinating<br>Committee and also in the Coordinating Committees Sterring Committee. In addition, an executive-level meeting between the<br>Board's President and DWR's Executive Management and respective staff occurs on a monthly basis. The Board has also<br>received project specific briefings when requested or an encessary to inform the Board of significant issues, funding requests,<br>or change in project status. CVFPO has regular discussions with Board staff and Board members for continuous coordination<br>and for addressing specific concerns. Where appropriate, or upon request, DVR has included Board staff and Board<br>and for addressing specific concerns. Where appropriate, or upon request, DVR has included Board staff and Board<br>staff and Board staff |
|  | system-wide benefit policies to support refinement of the physical elements of the adopted CVFPP, and assess the  | new data, tools, and system-wide policies, as discussed below.  A Library of Models has been developed to provide other agencies with access to all FloodSAFE models to reduce duplication of effort and ensure the most current models are available for use and analysis.  Logical monitoring efforts that also support efforts are controlled to the control of the provided provided and the provided provided and the provided provided and the provided an | new data, tools, and system-wide policies, as discussed below.  A library if Nobels has been developed to provide their agreeizes with access to all FloodSAFE models to reduce duplication of eithor and ensure the most current models are smallable for use and analyses.  Flood Forecasting has been enhanced by expanding a unsiled of high common provides and common pr               |

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| <br>Resolution Number and Text   | April Status Report  | August Status Report - CVFPO Revisions for August 9 Board Mtg in shaded rows   |
| DVRV will conduct additional analyses to evaluate the effects of climate change and these various flood system improvements proposed in the SSIA to accommodate flutture changes fin hydrology and sea level rise, for use in the basin-wide feasibility studies.  | DWR is currently working with climate change experts, both internally within DWR and in the larger scientific community, on improving long-tem predictions of precipitation patterns and on how to analyse and incorporate the predictions of ICVFPP planning studies. In addition, Urban Lewe Design Criteria provides for flexibility of designing levees with an additional tool of the elbesting, and EIP Guidelines requires evaluating setback levees when feesible, which allows for additional capacity for the flexibility.   | Suggest not mentioning ULDC criteria or EIP criteria. They are not relevant information on his topic.  DNP is currently working with climate change expects to advance the knowledge of atmospheric rivers, a phenominum correlation will will historical Caldistrian floodings, with inclining scheduled to be enablided to like 2014. The new information will high to bridge the gaps of current understanding in atmospheric river intensity changes under climate change conditions. In expectation, DVR repeated the promising new methodology developed in collaboration with climate change experts for the 2012 CVFPP to perform initial exploratory studies on the physical vulnerability of the Sacramento River flood management system. Additional reformation on the vulnerability analysis are scheduled to assist in formulating the future conditions for the BVFS; the outcomes of the vulnerability could also provide additional inframation for regional planning purposes. DWR has provided a herbridging ruly 2013 Too climate change study development progress.  In addition, DWR has commissioned the National Research Council to review the sea liver rise projection; the results became available or lune 2012 and documented in the report entitled "Seal-Level Rise for the Coasts of Caldrinois, Oregon, and Washington-Peat, Present, and Future." Based on the sea level rise information, DWR has revised the downstream boundary conditions that vould be used for flood system hydralist clinical, which DWR is also updating with the new hydraulic modeling tools developed in the Certaral Valley Foodplain Evaluations and Delineation Program.  |
| The processed CVFPP includes the Folsom Dam Joint Federal Project, the Folsom Dam Raise Project, the Folsom Dam Raise Project, the Folsom Dam Raise Project, the Water Control Manual Update Project, the Folsom Dam Raise Project, the Water-Fasther River Search Se | DWT is actively participating in the update of the Folcom Dam Water Control Natural in coordination with the UEACE and Water Control Natural in coordination with the UEACE and UEACE STATE STAT |  |
| DWR will continue to provide guidance, criteria, data, analyses and technical support to a counties in making findings related to the urban level of flood sessed clies and counties in making findings related to the urban level of flood related land use planning requirements that come into effect upon adoption of her CVFPP to assist them to meet their statutory deadlines. The Board encourages DWR to provide preliminary 100- and 200-year floodplain mapping of areas protected by SPFC actionals to clies and counties to view and counties by July 1, 2013 to allow cities and counties to meet their statutory deadlines.   | DWR established workgroups to develop two documents. Urban Level of Design Criteria (ULDC) and Urban Level of Flood Protection (ULDP), to assist crites and counties in meeting their statutory requirements and deadlines. ULDC was final as of May 2102 and the first drief of the ULDC was released in April 2012. Additional work group meetings have began to refler the sepected by the end of 2013. An outreach strategy for both ULDC and 200-year maps is currently under development. The need for others to supplement DWRs efforts is envisioned. DWR continues to progress the development 200-year floodplain mapping for areas protected by SPFC facilities with the intent of providing draft maps to cities and counties by July 2013.  | Please do note the mistake in referring ULDC (Urban Levee Design Criteria) in the original response. Suggest modifying the information for accuracy and focus.  DWR has completed the Urban Levee Design Criteria (ULDC) in Mey 2012, and a draft Urban Level of Flood Protection (ULDC). DWR has completed the Urban Levee Design Criteria (ULDC) in Mey 2012, and a draft Urban Level of Flood Protection (ULDC). Citeria in April 2012. ULDC is engineering criteria that is incorporated by reference in the ULDC Criteria where levees and thodwalls are used for providing urban level of flood protection (200-year Week) of protection). Subsequent Senate Bill 1278 and Assembly, Bill 1965 of 2012 amend the original Senate Bill 5 of 2007 to clarify certain aspects of the 2007 legislation, and to provide information maps for the 200-year flood/pini in urban areas from the Sacramento and San Joaquin river systems due to provide information maps for the 200-year flood/pini in urban areas from the Sacramento and San Joaquin river systems due to the salture of State Plan of Flood Cortor Identities by Jave July 2, 2013. DWR has completed the critis information maps in June 2013 and made available to 10 urban areas in the Certral Valley. DWR has reinitiated a work group process to refine the urban Level of Flood Protection Criteria. The newly formed Urban Level of Flood Protection Criteria Includes participants from cities and counties, planning professionals, floodplain managers, environmental interests, and Board members and staff. The criteria refinements are in progress. As a separate effort, DWR also initiated efforts to develop model alleguages that could provide references for cities and counties when updating their General Plan per legislation requirements. |
| Studies and analyses that result from implementation of the adopted CVFPP will be included with bein clouded in the 2017 update of the CVFPP and will be shared with the USACE to be the 2017 update of the CVFPP and will be shared with the USACE to be Central Valley integrated Flood Management Study scheduled for release at the same sime.  Central Valley integrated Flood Management Study scheduled for release at the same sime, consistent with the State's goal to maximize federal and local cost sharing.  | DWR and USACE staffs continue to coordinate planning efforts. As part of the new 3x3x2 process, USACE is reevaluating and res-coping current projects. This, as well as federal funding constraints, hamper USACE filtors and leave in doubt the final work product to be developed as a part of the federal funding constraints, hamper USACE flows patiented in the developent of the Central August 1 of the Central VIII and 2 of the study is to estimate peak flows and hydrographs for various probabilities to describe flood hazards throughout the Central VIII and 1 of the Central VIII and 1 of the Central VIII and 2 of the Central VIII and 3 of t | DWR worked closely with USACE to rescope the Central Valley Integrated Flood Management Study (CVIFMS) consistent with USACE planning modernization guidance; a revised Featbilly Cost Share Agreement For CVIFMS was prepared and placed on the Board's consistent clearbill at high The revised FCSAC for CVIFMS encorpages as 3-year. Similarly materiants data for the Board's consistent clearbill and the CVIFMS encorpages as 3-year. Similarly materiants data for exceeding the control of the Control condition ongoing federal cost share featbillity studies. DWR and USACE have partnered in the development of the Central Valley-Hydricolly, but, a comprehensive assessment of staren flow frequencies and magnitudes in the Sacramento and San Josepain river basins. The goal of the study is to estimate peak flows and hydrographs for various probabilities to describe flood hazards throughout the Central Valley.  |
| DVFA will sporteer regional flood management planning efforts which will develop regional plans that present stateholder prespectives of food management priorities for each region, the results of which will be coordinated between regions and integrated into or consistent with the basin-wide plans. Regional planning should create a role for all interested stakeholders including regional planning should result as role for all interested stakeholders including regional planning should result as the first of consistent with the regional planning should result as the first of consistent with the special regional planning should result as the first of consistent with the special planning and consistent planning should result as the first of consistent with the special planning should result as the first of consistent with the special planning should result as the first of consistent with the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the first of the special planning should result as the special plannin | Funding Agreements have been secured between DVMP and all all a local approxime involved in regional food management journing. The agreements have tegroun work, and have submitted involces. File invoices have been processed by the States. The sixth invoice, from the Sutter-Peatre Flood Control Agency, which represents the Feather River region, is being processed by DVMR. Currently all regional plans are on schedule to be completed by mid-2014, and within the allotted budget.  | IRAMP local lead agencies have initiated that planning process and an actively regigating with local stakeholders and the Stational Basis Wide Fessionality Studies and Consensation Strategy, Coordination and engagement to date has been through planning small meetings, public outreach meetings, and active attendance at the Board's Coordinating Committee, Integration of the regional and systemwide planning office has been initiated through the development of a common Problem Summary Statement, where collaboration and information sharing have served as the vehicle for integration. More collaborative efforts are planned for each of the major planning process steps.  |
| is understood  | This report provides an aptite on information regarding schedules and progress related to SSIA implementation and is a<br>summary of information presented in DWR's month proprist to the Board on in project specific forintings made to the Board. In<br>the future, this report will be updated monthly and appended to DWR's montly report to the Board.   |  |